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Search Results -

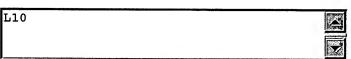
Terms	Documents	
masking techniques and L1	117	

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Search:











Search History

DATE: Tuesday, September 12, 2006 Purge Queries Printable Copy Create Case

Set Name Query side by side

Hit Count Set Name

		AAR COUNT	Jet Hanne
de by side	e		result set
DB=PGPB,USPT; PLUR=YES; OP=ADJ			
<u>L10</u>	masking techniques and 11	117	<u>L10</u>
<u>L9</u>	super critical carbon dioxide and 11	1	<u>L9</u>
<u>L8</u>	super critical carbon dioxide and 12	0	<u>L8</u>
<u>L7</u>	super critical carbon dioxide and 13	0	<u>L7</u>
<u>L6</u>	super critical fluid and 11	0	<u>L6</u>
<u>L5</u>	super critical fluid and 12	0	<u>L5</u>
<u>L4</u>	super critical fluid and L3	0	<u>L4</u>
<u>L3</u>	masking.clm. and L1	299	<u>L3</u>
<u>L2</u>	masking and L1	1104	<u>L2</u>
<u>L1</u>	polymers same masked	2478	<u>L1</u>

END OF SEARCH HISTORY

First Hit Previous Doc Next Doc Go to Doc#

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L10: Entry 10 of 117 File: PGPB Jun 30, 2005

DOCUMENT-IDENTIFIER: US 20050141836 A1

TITLE: Method of metallizing non-conductive substrates and metallized non-conductive substrates formed thereby

Detail Description Paragraph:

[0021] Optionally, portions of the fiber 6 can be <u>masked</u> to prevent metal layer formation thereon during subsequent processing. For example, prevention of metal film formation on the end of the fiber is generally desired. <u>Masking techniques</u> are known in the art and described, for example, in the aforementioned U.S. Pat. Nos. 5,380,559 and 6,355,301. The masking may be accomplished chemically by selective deactivation of previously activated portions of the fiber using, for example, an acidified aqueous solution of stannous halide such as used for sensitizing. Alternatively, the activated portion of the fiber to be <u>masked</u> can be coated with a strippable <u>polymer</u> to provide mechanical deactivation of the fiber. Such a coating can be formed, for example, from a solution composed of KEL-F 800 resin, available from 3M Corporation, in amyl acetate. The coating is dried in moving air at 75.degree. C. for a period of from about five to about ten minutes. Further, there are commercially available plating mask mixtures available.

Previous Doc Next Doc Go to Doc#